Attorney Docket Q68281

AMENDMENT UNDER 37 C.F.R. § 1.111

U.S. Application No.: 10/049,270

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

- 1-8. (canceled).
- 9. (previously presented): A multilayered printed circuit board comprising: a conductor circuit and a resin insulating layer serially formed on a substrate in an alternate fashion and in repetition; and a solder resist layer formed as an outermost layer, wherein said solder resist layer contains an elastomer component in a composition

said elastomer component is separated in micro-phase as to form an island-in-sea structure after curing in said solder resist layer.

10-30. (canceled).

comprising a resin for said solder resist layer, and

31. (currently amended): A multilayered printed circuit board comprising:
a conductor circuit and a resin insulating layer serially formed on a substrate in an
alternate fashion and in repetition; and a solder resist layer formed as an outermost layer,
wherein said solder resist layer contains a P atom-containing epoxy resin, and
said P atom-containing epoxy resin has bivalent phosphoric acid residue with a hydroxyl
group, and has epoxy groups in both terminals of the P atom-containing epoxy resin.

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32. (currently amended): The multilayered printed circuit board according to claim 31,

A multilayered printed circuit board comprising:

groups in both terminals of the P atom-containing epoxy resin, and

a conductor circuit and a resin insulating layer serially formed on a substrate in an alternate fashion and in repetition; and a solder resist layer formed as an outermost layer, wherein said solder resist layer contains a P atom-containing epoxy resin, said P atom-containing epoxy resin has bivalent phosphoric acid residue, and has epoxy

wherein said epoxy resin having bivalent phosphoric acid residue and having epoxy groups in both terminals is an epoxy resin having has the following general formula [4] (4)

(wherein X^1 , and [[,]] X^2 respectively represent O or a single bond).

33. (currently amended): A multilayered printed circuit board comprising: a conductor circuit and a resin insulating layer serially formed on a substrate in an alternate fashion and in repetition; and a solder resist layer formed as an outermost layer,

wherein said solder resist layer contains a P atom-containing epoxy resin, and said P atom-containing epoxy resin is an epoxy resin having a monovalent phosphoric acid residue with two hydroxyl groups in one terminal of the P atom-containing epoxy resin and an epoxy group in the other terminal of the P atom-containing epoxy resin.

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34. (currently amended): The multilayered printed circuit board according to claim 33. A multilayered printed circuit board comprising:

a conductor circuit and a resin insulating layer serially formed on a substrate in an alternate fashion and in repetition; and a solder resist layer formed as an outermost layer, wherein said solder resist layer contains a P atom-containing epoxy resin,

said P atom-containing epoxy resin is an epoxy resin having a monovalent phosphoric acid residue in one terminal of the P atom-containing epoxy resin and an epoxy group in the other terminal of the P atom-containing epoxy resin, and

wherein-said epoxy resin having a monovalent phosphoric acid residue in one terminal and an epoxy group in the other terminal is an epoxy resin having has the following general formula [5] (5):

(wherein X^3 represents O or a single bond; and R represents an alkyl of 2 to 8 carbons).

- 35. (canceled).
- 36. (previously presented): A multilayered printed circuit board comprising: a conductor circuit and a resin insulating layer serially formed on a substrate in an alternate fashion and in repetition; and a solder resist layer formed as an outermost layer,

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wherein said solder resist layer contains an elastomer component in a composition comprising a resin for said solder resist layer,

said elastomer component is at least one member selected from the group consisting of natural rubber, synthetic rubber, a thermoplastic resin and a thermosetting resin, and said elastomer component is separated in micro-phase as to form an island-in-sea structure after curing in said solder resist layer.

37. (previously presented): The multilayered printed circuit board according to claim31,

wherein said solder resist layer contains at least one member selected from the group consisting of a silicon compound, an aluminum compound and a magnesium compound.

38. (previously presented): The multilayered printed circuit board according to claim 33,

wherein said solder resist layer contains at least one member selected from the group consisting of a silicon compound, an aluminum compound and a magnesium compound.

- 39. (new): The multilayered printed circuit board according to claim 32, wherein said solder resist layer contains at least one member selected from the group consisting of a silicon compound, an aluminum compound and a magnesium compound.
 - 40. (new): The multilayered printed circuit board according to claim 34,

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wherein said solder resist layer contains at least one member selected from the group consisting of a silicon compound, an aluminum compound and a magnesium compound.